

Electronic Version v18
Stylesheet Version v18.0

Title of Invention

SEMICONDUCTOR PACKAGE WITH CHAMFERED CORNERS AND METHOD OF MANUFACTURING THE SAME

Application Number:

10/706468

Confirmation Number:

6744

First Named Applicant: Sung Yang
Attorney Docket Number: AMKOR095A

Art Unit:

2811

Search string:

(5640047 or 5639990 or 5641997 or 5644169 or 5643433 or 5646831 or 5650663 or 5661088 or 5665996 or 5673479 or 5683806 or 5689135 or 5696666 or 5701034 or 5703407 or 5710064 or 5724233 or 5723899 or 5736432 or 5745984 or 5753977 or 5753532 or 5766972 or 5770888 or 5776798 or 5783861 or 5801440 or 5814884 or 5814883 or 5814881 or 5814877 or 5818105 or 5817540 or 5821615 or 5821457 or 5835988 or 5834830 or 5844306 or 5856911 or 5859471 or 5866939 or 5871782 or 5874784 or 5877043 or 5886398 or 5886397 or 5894108 or 5897339

or 5900676 or 5903050).pn.

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W	. 1	5640047	1997-06-17	NAKASHIMA			
	2	5639990	1997-06-17	NISHIHARA ET AL.			
	3	5641997	1997-06-24	OHTA ET AL.			
	4	5644169	1997-07-01	CHUN			
	5	5643433	1997-07-01	FUKASE ET AL.]		
	6	5646831	1997-07-08	MANTEGHI]		
	7	5650663	1997-07-22	PARTHASARANTHI]		
	8	5661088	1997-08-26	TESSIER ET AL.			
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(6388336 or 6395578 or 6400004 or 6410979 or 6414385 or 6420779 or 6429508 or 6437429 or 6444499 or 6448633 or 6452279 or 6464121 or 6476474 or 6476469 or 6482680 or 6498392 or 6498099 or 6507120 or 6507096 or 6534849

or 6545345 or 6559525 or 6566168).pn.

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init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
0	1	6388336	2002-05-14	VENKATESHWARAN ET AL.			
V	2	6395578	2002-05-28	SHIN ET AL.	SHIN ET AL.		
	3	6400004	2002-06-04	FAN ET AL.		:	
W	4	6410979	2002-06-25	ABE			
V	5	6414385	2002-07-02	HUANG ET AL.			
\square	6	6420779	2002-07-16	SHARMA ET AL.			
W	7 '	6429508	2002-08-06	GANG			
107	8	6437429	2002-08-20	SU ET AL.			
W	9	6444499	2002-09-03	SWISS ET AL.			
W	10	6448633	2002-09-10	YEE ET AL.			
W	11	6452279	2002-09-17	SHIMODA			
W	12	6464121	2002-10-15	REIJNDERS			
\square	13	6476474	2002-11-05	HUNG			
\square	2_14	6476469	2002-11-05	HUNG ET AL.			•

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	15	6482680	2002-11-19	KHOR ET AL.
2	16	6498392	2002-12-24	AZUMA
0	17	6498099	2002-12-24	MCLELLAN ET AL.
$\overline{\mathcal{M}}$	18	6507120	2003-01-14	LO ET AL.
23	19	6507096	2003-01-14	GANG
$\overline{\Omega}$	20	6534849	2003-03-18	GANG
<u>~</u>	21	6545345	2003-04-08	GLENN ET AL.
	22	6559525	2003-05-06	HUANG
	23	6566168	2003-05-20	GANG

Examiner Name	Date
Vicha James	76/06



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(6194777 or 6198171 or 6197615 or 6201292 or 6201186 or 6204554 or 6208023 or 6208021 or 6208020 or 6211462 or 6218731 or 6222258 or 6225146 or 6229205 or 6229200 or 6239384 or 6239367 or 6242281 or 6256200 or 6258629 or 6282095 or 6281568 or 6281566 or 6285075 or 6291273 or 6291271 or 6294830 or 6294100 or 6297548 or 6295977 or 6303997 or 6303984 or 6307272 or 6309909 or 6316838 or 6316822 or 6323550 or 6326678 or 6326244 or 6326243 or 6335554 or 6337510 or 6369447 or 6373127

or 6380048 or 6384472).pn.

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V	2	6198171	2001-03-06	HUANG ET AL			
	3	6197615	2001-03-06	SONG ET AL			
	4	6201292	2001-03-13	YAGI ET AL			
	5	6201186	2001-03-13	DANIELS ET AL			
	6	6204554	2001-03-20	EWER ET AL			•
	7	6208023	2001-03-27	NAKAYAMA ET AL			
$\overline{\mathcal{O}}$	8	6208021	2001-03-27	OHUCHI ET AL			

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数		9	6208020	2001-03-27	MINAMIO
		10	6211462	2001-04-03	CARTER, JR. ET AL
		11	6218731	2001-04-17	HUANG ET AL.
		12	6222258	2001-04-24	· ASANO ET AL
		13	6225146	2001-05-01	YAMAGUCHI ET AL
		14	6229205	2001-05-08	JEONG ET AL
		15	6229200	2001-05-08	MCLELLAN ET AL
		16	6239384	2001-05-29	SMITH ET AL
		17	6239367	2001-05-29	HSUAN ET AL.
		18	6242281	2001-06-05	MCLELLAN ET AL
		19	6256200	2001-07-03	LAM ET AL
		20	6258629	2001-07-10	NIONES ET AL
		· 21	6282095	2001-08-28	HOUGHTON ET AL.
		22	6281568	2001-08-28	GLENN ET AL.
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		24	6285075	2001-09-04	COMBS ET AL.
		25	6291273	2001-09-18	MIYAKİ ET AL.
]	26	6291271	2001-09-18	LEE ET AL.
]	27	6294830	2001-09-25	FJELSTAD
		28	6294100	2001-09-25	FAN ET AL.
Ц		29	6297548	2001-10-02	MODEN ET AL.
		30	6295977	2001-10-02	RIPPER ET AL.
		31	6303997	2001-10-16	LEE
		32	6303984	2001-10-16	CORISIS
Ц		33	6307272	2001-10-23	TAKAHASHI ET AL.
Ц		34	6309909	2001-10-30	OHGIYAMA
		35	6316838	2001-11-13	OZAWA ET AL.
		36	6316822	2001-11-13	VENKATESHWARAN ET AL.
]	37	6323550	2001-11-27	MARTIN ET AL.
	_	38	6326678	2001-12-04	KARMEZOS ET AL.
\coprod		39	6326244	2001-12-04	BROOKS ET AL.
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Ц		42	6337510	2002-01-08	CHUN-JEN ET AL.
Ц	لِ	43	6339255	2002-01-15	SHIN
W	1	44	6348726	2002-02-19	BAYAN ET AL.

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似	45	6355502	2002-03-12	KANG ET AL.
	46	6369454	2002-04-09	CHUNG
W	47	6369447	2002-04-09	MORI
24	48	6373127	2002-04-16	BAUDOUIN ET AL.
1	. 49	6380048	2002-04-30	BOON ET AL.
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Examiner Name	Date		
White Truck	7/6/46		



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(5903049 or 5909053 or 5917242 or 5915998 or 5939779 or 5942794 or 5951305 or 5959356

or 5969426 or 5973388 or 5977630 or 5977615 or 5977613 or 5976912 or 5981314 or 5986885 or 5986333 or 6001671 or 6013947 or 6018189 or 6020625 or 6025640 or 6031279 or 6034423 or RE36613 or 6040626 or 6043430 or 6060769 or 6060768 or 6072228 or 6075284 or 6081029 or 6084310 or 6087722 or 6087715 or 6100594 or 6113474 or 6118184 or 6118174 or RE36907

or 6130473 or 6130115 or 6133623 or 6140154 or 6143981 or 6169329 or 6177718 or 6181002

or 6184573 or 6184465).pn.

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W	3	5917242	1999-06-29	BALL			
3	4	5915998	1999-06-29	STIDHAM ET AL.			
\texts	5	5939779	1999-08-17	KIM			
Ø	6	5942794	1999-08-24	OKUMURA ET AL.			
ሤ		5951305	1999-09-14	HABA			
3	<u> 8</u>	5959356	1999-09-28	ОН			

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赦	9	5969426	1999-10-19	BABA ET AL.
	10	5973388	1999-10-26	CHEW ET AL.
	11	5977630	1999-11-02	WOODWORTH ET AL.
	12	5977615	1999-11-02	YAMAGUCHI ET AL.
	13	5977613	1999-11-02	TAKATA ET AL
	14	5976912	1999-11-02	FUKUTOMI ET AL.
	15	5981314	1999-11-09	GLENN ET AL.
ഥ	16	5986885	1999-11-16	WYLAND
	17	5986333	1999-11-16	NAKAMURA
	18	6001671	1999-12-14	FJELSTAD
	19	6013947	2000-01-11	LIM
	20	6018189	2000-01-25	MIZUNO
	21	6020625	2000-02-01	QIN ET AL.
	22	6025640	2000-02-15	YAGI ET AL.
	23	6031279	2000-02-29	LENZ
	24	6034423	2000-03-07	MOSTAFAZADEH
	25	RE36613	2000-03-14	BALL
	26	6040626	2000-03-21	CHEAH ET AL.
П	27	6043430	2000-03-28	CHUN
П	28	6060769	2000-05-09	WARK
	29	6060768	2000-05-09	HAYASHIDA ET AL.
	30	6072228	2000-06-06	HINKLE ET AL.
	31	6075284	2000-06-13	CHOI ET AL.
Ш	32	6081029	2000-06-27	YAMAGUCHI
	33	6084310	2000-07-04	MIZUNO ET AL.
	.34	6087722	2000-07-11	LEE ET AL.
	35	6087715	2000-07-11	SAWADA ET AL.
	36	6100594	2000-08-08	FUKUI ET AL.
	37	6113474	2000-09-05	COSTANTINI ET AL.
	38	6118184	2000-09-12	ISHIO ET AL.
	39	6118174	2000-09-12	KIM
	40	RE36907	2000-10-10	TEMPLETON, JR ET AL
	41	6130473	2000-10-10	MOSTAFAZADEH ET AL.
	42	6130115	2000-10-10	OKUMURA ET AL.
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3	44	6140154	2000-10-31	HINKLE ET AL

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	45	6143981	2000-11-07	GLENN
W	46	6169329	2001-01-02	FARNWORTH ET AL
3	47	6177718	2001-01-23	KOZONO
W	- 48	6181002	2001-01-30	JUSO ET AL
	49	6184573	2001-02-06	PU
W	50	6184465	2001-02-06	CORISIS

Examiner Name	Date
Vikhi Trul	7/1/06



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	2	5250841	1993-10-05	SLOAN ET AL.			
	3	5252853	1993-10-12	MICHII			
	4	5258094	1993-11-02	FURUI ET AL.			
	5	5266834	1993-11-30	NISHI ET AL.			
	6	5273938	1993-12-28	LIN ET AL.			
	7	5278446	1994-01-11	NAGARAJ ET AL.			
	8	5277972	1994-01-11	SAKUMOTO ET AL.			

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W	9	5279029	1994-01-18	BURNS
	10	5281849	1994-01-25	SINGH DEO ET AL.
	11	5294897	1994-03-15	NOTANI ET AL.
	12	5327008	1994-06-05	DJENNAS ET AL.
	13	5332864	1994-07-26	LIANG ET AL.
	14	5336931	1994-08-09	JUSKEY ET AL.
	15	5335771	1994-08-09	MURPHY
	16	5343076	1994-08-30	KATAYAMA ET AL.
	17	5358905	1994-10-25	CHIU
	18	5365106	1994-11-15	WATANABE
	19	5381042	1995-01-10	LERNER ET AL.
	20	5391439	1995-02-21	TOMITA ET AL.
	21	5406124	1995-04-11	MORITA ET AL.
	22	5410180	1995-04-25	FUJII ET AL.
	23	5414299	1995-05-09	WANG ET AL.
	24	5424576	1995-06-13	DJENNAS ET AL.
	25	5428248	1995-06-27	СНА
	26	5435057	1995-07-25	BINDRA ET AL.
	27	5444301	1995-08-22	SONG ET AL.
	28	5452511	1995-09-26	CHANG
	29	5454905	1995-10-03	FOGELSON
	30	5474958	1995-12-12	DJENNAS ET AL.
	31	5484274	1996-01-16	NEU
	32	5493151	1996-02-20	ASADA ET AL.
	33	5508556	1996-04-16	LIN
	34	5517056	1996-05-14	BIGLER ET AL.
	35	5521429	1996-05-28	AONO ET AL.
	36	5528076	1996-06-18	PAVIO
	37	5534467	1996-07-09	ROSTOKER
	38	5539251	1996-07-23	IVERSON ET AL.
	39	5543657	1996-08-06	DIFFENDERFER ET AL.
	40	5545923	1996-08-13	BARBER
	41	5544412	1996-08-13	ROMERO ET AL.
	42·	5581122	1996-12-03	CHAO ET AL.
	43	5592025	1997-01-07	CLARK ET AL.
MG	44	5592019	1997-01-07	UEDA ET AL.



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W	46	5595934	1997-01-21	KIM
72	47	5604376	1997-02-18	HAMBURGEN ET AL.
10	48	5608267	1997-03-04	MAHULIKAR ET AL.
3	49	5625222	1997-04-29	YONEDA ET AL.
W	. 50	5633528	1997-05-27	ABBOTT ET AL

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Vikhi Janh	7606



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or 20020027297 or 20020140061 or

20020140068 or 20020163015 or 20030030131

or 20030073265).pn.

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	3	3734660	1973-05-22	DAVIES ET AL.]		
	4	3838984	1974-10-01	CRANE ET AL.			
M	. 5	4054238	1977-10-18	LLOYD ET AL.			
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	6	4189342	1980-02-19	коск
	7	4258381	1981-03-24	INABA
	8	4289922	1981-09-15	DEVLIN
	9	4301464	1981-11-17	OTSUKI ET AL.
	10	4332537	1982-06-01	SLEPCEVIC
M	11	4417266	1983-11-22	GRABBE
	12	4451224	1984-05-29	HARDING
	13	4530152	1985-07-23	ROCHE ET AL.
	14	4541003	1985-09-10	OTSUKA ET AL.
	15	4646710	1987-04-03	SCHMID ET AL.
	16	4707724	1987-11-17	. SUZUKI ET AL.
	17	4727633	1988-03-01	HERRICK
	18	4737839	1988-04-12	BURT
	19	4756080	1988-07-12	THORP, JR. ET AL.
	20	4812896	1989-03-14	ROTHGERY ET AL.
	21	4862245	1989-08-29	PASHBY ET AL.
	22	4862246	1989-08-29	MASUDA ET AL.
	23	4907067	1990-03-06	DERRYBERRY
	24	4920074	1990-04-24	SHIMIZU ET AL.
	25	4935803	1990-06-19	KALFUS ET AL.
	26	4942454	1990-07-17	MORI ET AL.
	27	4987475	1991-01-22	SCHLESINGER ET AL.
	28	5018003	1991-05-21	YASUNAGA ET AL.
	29	5029386	1991-07-09	CHAO ET AL.
	30	5041902	1991-08-20	MCSHANE
	31	5057900	1991-10-15	YAMAZAKI
	32	5059379	1991-10-22	TSUTSUMI ET AL.
	33	5065223	1991-11-12	MATSUKI ET AL.
	34	5070039	1991-12-03	JOHNSON ET AL.
	35	5087961	1992-02-11	LONG ET AL.
	36	5091341	1992-02-25	ASADA ET AL.
	37	5096852	1992-03-17	HOBSON
	38	5118298	1992-06-02	. MURPHY
	39	5151039	1992-09-29	MURPHY
	40	5157475	1992-10-20	YAMAGUCHI
1	41	5157480	1992-10-20	MCSHANE ET AL.
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M	42	5168368	1992-12-01	GOW, 3RD ET AL.
पि	43	5172213	1992-12-15	ZIMMERMAN
	44	5172214	1992-12-15	CASTO
	45	5175060	1992-12-29	ENOMOTO ET AL.
	46	5200362	1993-04-06	LIN ET AL.
	47	5200809	1993-04-06	KWON
	48	5214845	1993-06-01	KING ET AL.
	49	5216278	1993-06-01	LIN ET AL.
	50	5218231	1993-06-08	KUDO

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Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
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	2	20010014538	2001-08-16	KWAN ET AL.			
	3	20010011654	2002-01-31	KIMURA			
	4	20020024122	2002-02-28	JUNG ET AL.			
	5	20020027297	2002-03-07	IKENAGA ET AL.			
	6	20020140061	2002-10-03	LEE			
	7	20020140068	2002-10-03	LEE ET AL.			
	8	20020163015	2002-11-07	LEE ET AL.			
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Examiner Name		Date
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PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

AMKOR-095A

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known Substitute for form 1449A/PTO **Application Number** 10/706.468 INFORMATION DISCLOSURE 11/12/2003 Filing Date STATEMENT BY APPLICANT First Named Inventor Sung Jin Yang Art Unit 2811 (use as many sheets as necessary) **Examiner Name** Unknown

Attorney Docket Number

U.S. PATENT DOCUMENTS Pages, Columns, Lines, Where Document Number Name of Patentee or Publication Date MM-DD-YYYY Examiner Cite Relevant Passages or Relevant Applicant of Cited Document Initials* No.1 Number - Kind Code 2 (if know Figures Appear US-US-US-US-US-US-US-US-US-UŞ-US-US-US-US-US-US-US-US-US-US-

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	7)		EP0936671	08/18/1999	EU PAT, OFFICE		

Date Examiner Considered Signature

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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1 of 1

Complete if Known			
Application Number	10/706.468		
	11/12/2003		
First Named Inventor	Sung Jin Yang		
Art Unit	2811		
Examiner Name	Unknown		
Attorney Docket Number	AMKOR-095A		

		U.S. PATE	ENT DOCUMENTS	
Examiner Initials*	Document Number Number - Kind Code 2 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Examiner Initials*	Cite No.1	Foreign Patent Document Country Code 3 - Number 4 - Kind Code 5 (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	₹6
WF		100220154		KOREA		
W	T	10256240	09/25/1998	JAPAN		
S		10199934		JAPAN		
W		10163401	06/19/1998	JAPAN		
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137		10022447	JAN-98	JAPAN		
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122		9772358	11/07/1997	KOREA		
77.7		EP0794572A2	10/09/1997	EU PAT. OFFICE		
14		DE19734794A1	08/11/1997	GERMANY		

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Examiner Initials*	Cite No. 1	Document Number Number - Kind Code ² (If known)	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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2	 98207	01/10/1997	JAPAN		
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WV	8222682		JAPAN		Ш
T	8125066	05/17/1996	JAPAN		
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Application Number	10/706,468		
Filing Date	11/12/2003		
First Named Inventor	Sung Jin Yang	_	
Art Unit	2811		
Examiner Name	Unknown		
Attorney Docket Number	AMKOR-005A		

	U.S. PATENT DOCUMENTS						
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17			EP0720234	03/07/1996	EU PAT. OFFICE		
7	77	4 .	7312405	11/28/1995	JAPAN		
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Application Number	10/706.468			
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First Named Inventor	Sung Jin Yang			
Art Unit	2811			
Examiner Name	Unknown			
Attorney Docket Number	AMKOR-095A			

	 	U.S. PATE	NT DOCUMENTS	
Examiner Initials*	Document Number Number - Kind Code 2 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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(עו		4098864		JAPAN		
751		EP0459493	12/04/1991	EU PAT. OFFICE		
27	-	3177060	08/01/1991	JAPAN		
127		EP0393997	10/24/1990	EU PAT. OFFICE		
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175		1175250	07/11/1989	JAPAN		
427		1106456	04/24/1989	JAPAN		
721		64054749	03/02/1989	JAPAN		
	口	63316470	12/23/1988	JAPAN		

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Examiner Signature	Vil	he join	l	Date Considered	7/6	06

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Application Number	10/706.468			
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First Named Inventor	Sung Jin Yang			
	2811			
Examiner Name	Unknown			
Attorney Docket Number	AMKOR-095A			

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Examiner Initials*	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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		FORE	IGN PATENT D	OCUMENTS		
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WZ.		63249345	10/17/1988	JAPAN		
W C	1	63233555	09/29/1988	JAPAN		
$\overline{\mathcal{A}}$		63205935	08/25/1988	JAPAN		
107		63067762	03/26/1988	JAPAN		
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M.		6139555	02/25/1986	JAPAN		
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उप		60116239	08/06/1985	JAPAN		
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	U.S. PATENT DOCUMENTS						
Examiner Initials*		Document Number Number - Kind Code 2 (if known,	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
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W		59227143	12/20/1984	JAPAN		
WV		59208756	11/27/1984	JAPAN		L
77		EP5950939	03/19/1984	EU PAT. OFFICE		
1/2		58160095	08/31/1983	JAPAN		<u> </u>
THE		5745959	03/16/1982	JAPAN		乚
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Substitute for form 1449A/PTO	Complete if Known						
1 000 71	Application Number	10/706.468	_				
INFORMATION DISCLOSURE	Filing Date	11/12/2003					
STATEMENT BY APPLICANT	First Named Inventor	Sung Jin Yang					
TRANS	Art Unit	10044					

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AMKOR-095A

			U. S. PATENT I	DOCUMENTS		
Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant	
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FOREIGN PATENT DOCUMENTS								
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